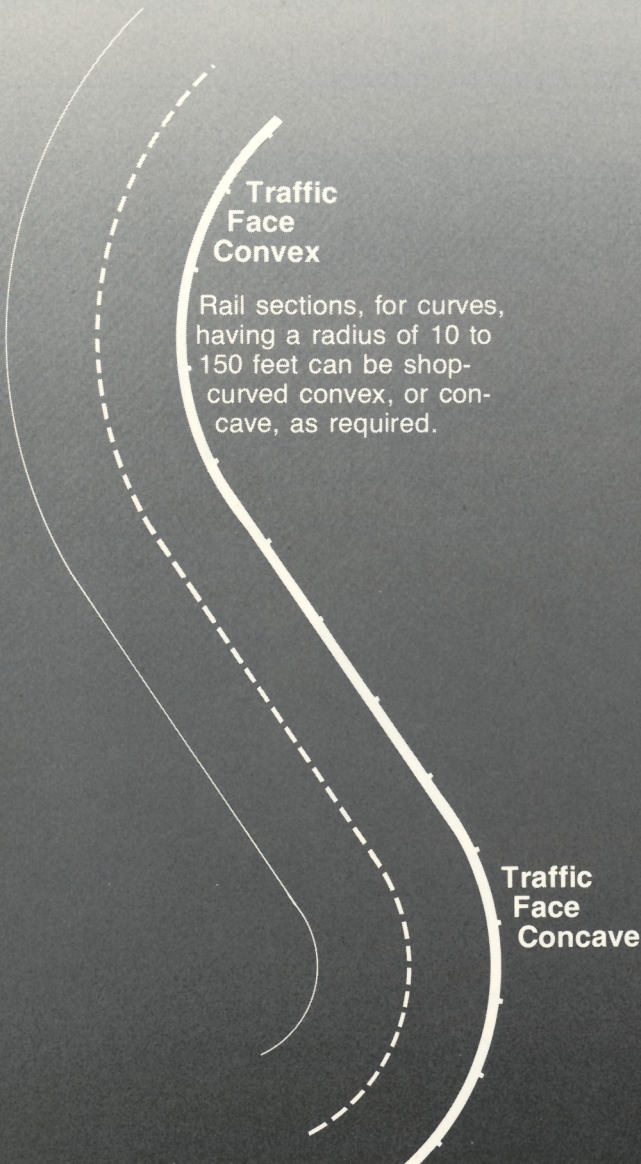
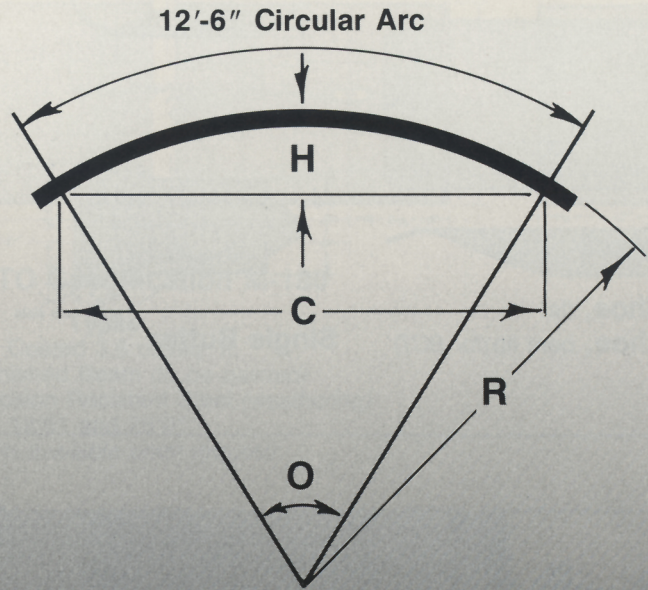


## Curved Guardrail

Your protection is our business. We help protect life, equipment and property with the application of our guard rail barrier — your “safety belt” on the modern highway. This “profile of protection” is designed to help eliminate injury, death and property damage due to natural hazards along our highways.



Rail sections, for curves, having a radius of 10 to 150 feet can be shop-curved convex, or concave, as required.

Functions of 12'-6" Circular Arc

Radius (R)	Central Angle (O)	Chord (C)	Rise (H)
10	71°-37'	11'-9"	1'-10 <sup>3</sup> / <sub>4</sub> "
15	47°-45'	12'-1 <sup>3</sup> / <sub>4</sub> "	1'- 3 <sup>1</sup> / <sub>2</sub> "
20	35°-49'	12'-3 <sup>5</sup> / <sub>8</sub> "	11 <sup>5</sup> / <sub>8</sub> "
25	28°-39'	12'-4 <sup>1</sup> / <sub>2</sub> "	9 <sup>1</sup> / <sub>2</sub> "
30	23°-52'	12'-4 <sup>7</sup> / <sub>8</sub> "	7 <sup>3</sup> / <sub>4</sub> "
35	20°-28'	12'-5"	6 <sup>3</sup> / <sub>4</sub> "
40	17°-54'	12'-5 <sup>1</sup> / <sub>4</sub> "	6"
45	15°-55'	12'-5 <sup>1</sup> / <sub>2</sub> "	5 <sup>1</sup> / <sub>4</sub> "
50	14°-19'	12'-5 <sup>5</sup> / <sub>8</sub> "	4 <sup>5</sup> / <sub>8</sub> "
55	13°-01'	12'-5 <sup>5</sup> / <sub>8</sub> "	4 <sup>1</sup> / <sub>4</sub> "
60	11°-56'	12'-5 <sup>3</sup> / <sub>4</sub> "	4"
65	11°-01'	12'-5 <sup>3</sup> / <sub>4</sub> "	3 <sup>5</sup> / <sub>8</sub> "
70	10°-14'	12'-5 <sup>3</sup> / <sub>4</sub> "	3 <sup>3</sup> / <sub>8</sub> "
75	9°-33'	12'-5 <sup>3</sup> / <sub>4</sub> "	3 <sup>1</sup> / <sub>4</sub> "
80	8°-57'	12'-5 <sup>3</sup> / <sub>4</sub> "	3"
85	8°-26'	12'-5 <sup>7</sup> / <sub>8</sub> "	2 <sup>3</sup> / <sub>4</sub> "
90	7°-57'	12'-5 <sup>7</sup> / <sub>8</sub> "	2 <sup>5</sup> / <sub>8</sub> "
95	7°-32'	12'-5 <sup>7</sup> / <sub>8</sub> "	2 <sup>1</sup> / <sub>2</sub> "
100	7°-10'	12'-5 <sup>7</sup> / <sub>8</sub> "	2 <sup>3</sup> / <sub>8</sub> "
110	6°-31'	12'-5 <sup>7</sup> / <sub>8</sub> "	2 <sup>1</sup> / <sub>8</sub> "
120	5°-58'	12'-6"	2"
130	5°-31'	12'-6"	1 <sup>3</sup> / <sub>4</sub> "
140	5°-07'	12'-6"	1 <sup>5</sup> / <sub>8</sub> "
150	4°-46'	12'-6"	1 <sup>1</sup> / <sub>2</sub> "